



PATENT
Attorney Docket No. UTC-07983

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Boris Tabakoff *et al.*

Serial No.: 10/670,452

Filed: 09/24/2003

Entitled: **GENETIC DIAGNOSIS OF DEPRESSION**

Group No.: 1634

Examiner: Pohnert, S.C.

INFORMATION DISCLOSURE STATEMENT

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is being facsimile transmitted to the USPTO or is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 20, 2006

By: 

Cliff Cannon-Cin

Dear Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. § 1.56 and § 1.97. The Examiner is requested to make these citations of official record in this application.

The following printed publications are referred to in the body of the specification:

- Caspi *et al.*, "Influence of life stress on depression: moderation by a polymorphism in the 5-HTT gene," *Science*, 301:386-389 (2003);
- GenBank Accession No. NM_001114 "Homo sapiens adenylate cyclase 7 mRNA" (1994);
- Holden, "Getting the short end of the allele," *Science*, 301:292-293 (2003);
- Hyman and Rudorfer, "Depressive and bipolar mood disorders," in Scientific American Medicine, volume 3 (2000);
- Menninger and Tabakoff, "Forskolin-stimulated platelet adenylyl cyclase activity is lower in persons with major depression," *Biol Psychiatry*, 42:30-38 (1997);

- Stoltenberg and Burmeister, "Recent progress in psychiatric genes - some hope but no hype," *Human Molec Genet*, 9:927-935 (2000); and
- Sullivan *et al.*, "Genetic epidemiology of major depression: Review and meta-analysis," *Am J Psychiatry*, 157:1552-1562 (2000).

Applicants are also aware of the following printed publications, which may be material to the examination of this application:

- Hellevuo *et al.*, "The characterization of a novel human adenylyl cyclase which is present in brain and other tissues," *J Biol Chem*, 270:11581-11589 (1995);
- Hellevuo *et al.*, "Adenylyl cyclases: mRNA and characteristics of enzyme activity in three areas of brain," *J Neurochem*, 67:177-185 (1996); and
- Sander, "Genomic medicine and the future of health care," *Science*, 287:1977-1978 (2000).

The following documents are listed in an International Search Report of related International Application No. PCT/US03/30201:

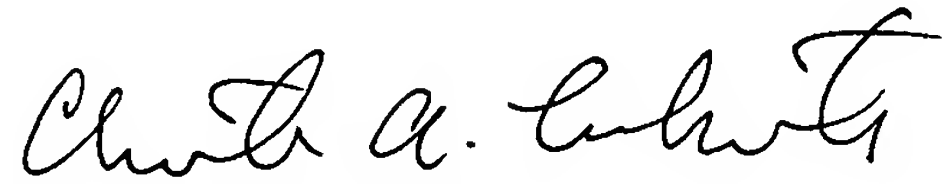
- Hellevuo *et al.*, "Human adenylyl cyclase type 7 contains polymorphic repeats in the 3' untranslated region: investigations of association with alcoholism," *Amer J Med Gen*, 74:95-98 (1997); and
- Taussig and Gilman, "Mammalian membrane-bound adenylyl cyclases," *J Biol Chem*, 270:1-4 (1995).

The following document is listed in a Supplementary European Search Report of related European Application No. EP 03 77 0421:

- WO 02/48397 of Liu and Manabe, "Regulation of human adenylate cyclase, type VII," (2002).

This Information Disclosure Statement under 37 C.F.R. § 1.56 and § 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitute prior art.

Dated: July 20, 2006



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